Nose and paranasal sinuses examination

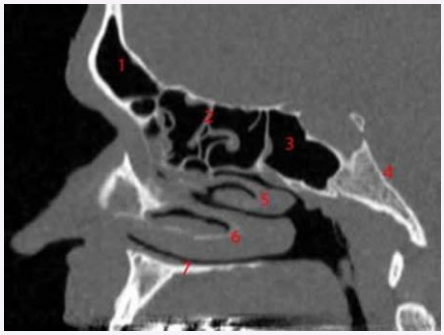
Nasal rhinoscopy

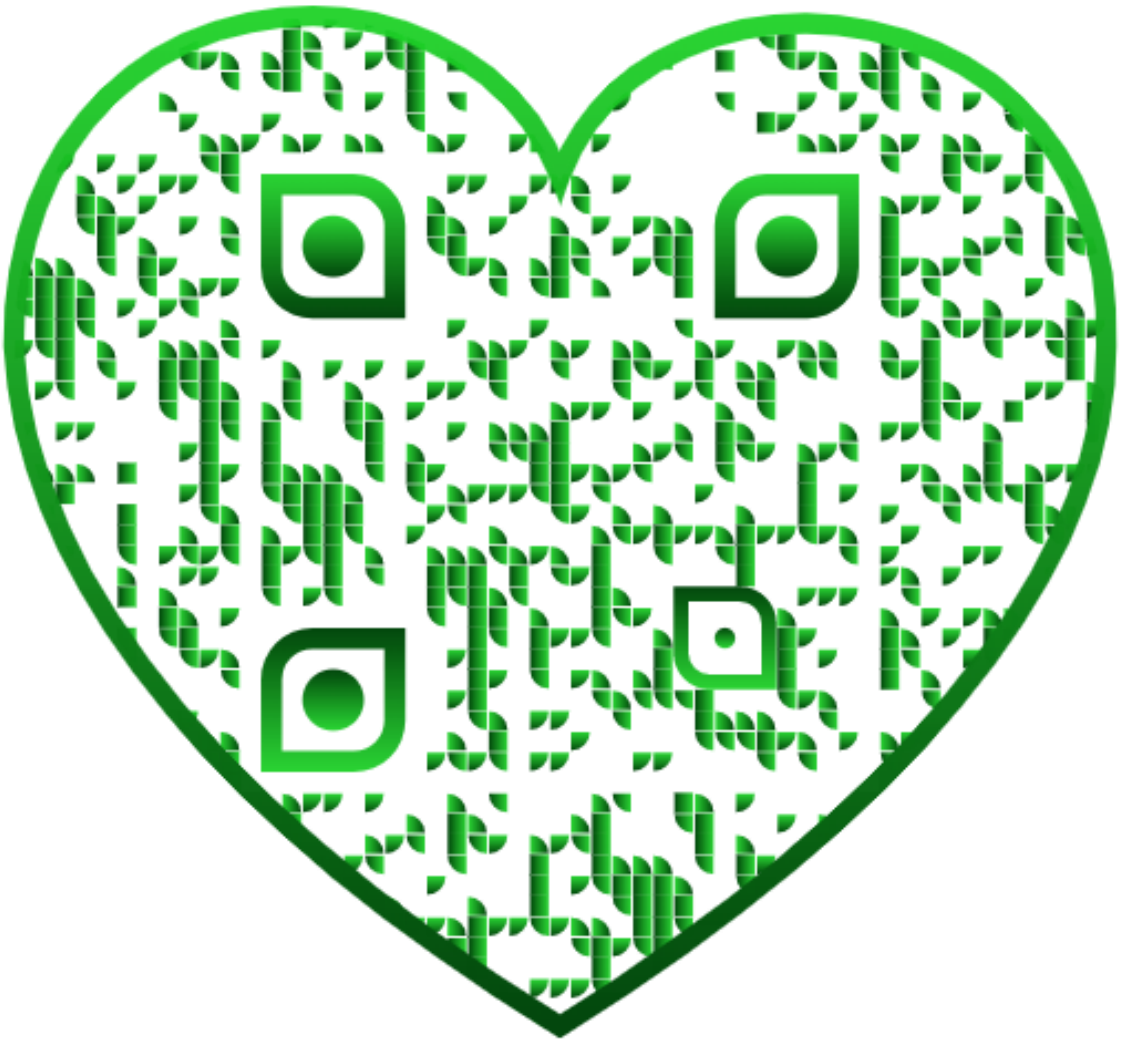
Nasal endoscopy

Normal nasal cavities and Paranasal sinuses by CT nose and PNS coronal cuts

Normal nasal cavities and Paranasal sinuses by CT nose and PNS axial cuts

Normal nasal cavities and Paranasal sinuses by CT nose and PNS sagittal cuts

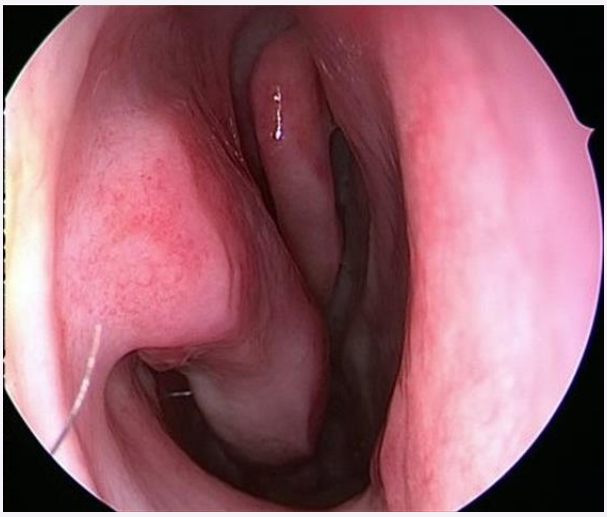




Nasal cavity

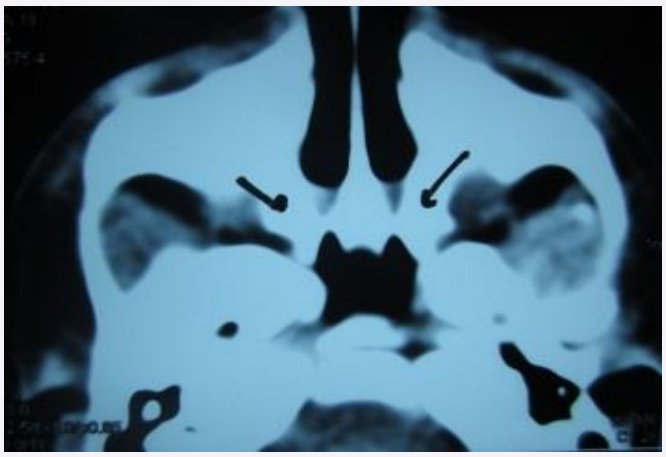
Normal right nasal cavity by rhinoscopy

Notice the septum, the inferior and middle turbinate, and the cavity



Congenital Anomalies of the Nose

Bilateral bony choanal atresia by a CT PNS axial cut



Choanal atresia by endoscopy

Traumatic Conditions of the Nose

Foreign body in the nose

Oro-antral fistula

Oro-antral fistula complicated by maxillary sinusitis by CT

Fracture nasal bones

Fracture nasal bones by X-ray nasal bones lateral view

CSF Rhinorrhoea by MRI with contrast

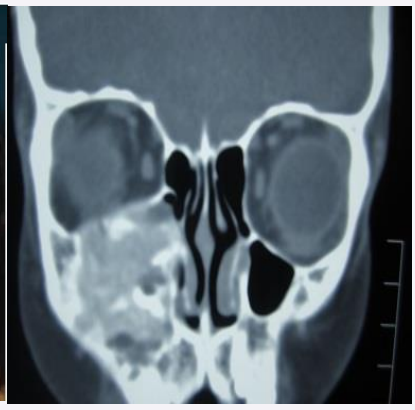
Tumors of the Nose and Paranasal Sinuses

Fronto – ethmoidal Osteoma

Osteoma by CT

Notice the white bone opacity on the CT

Maxillary Fibrous Dysplasia



Fibrous Dysplasia by CT

Notice the ground glass opacity (area of hazy bone) appearance on the CT

Nasal Vestibule Papilloma (Wart)

Nasal Hemangioma

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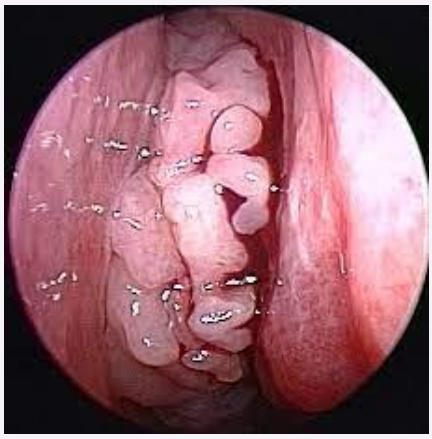
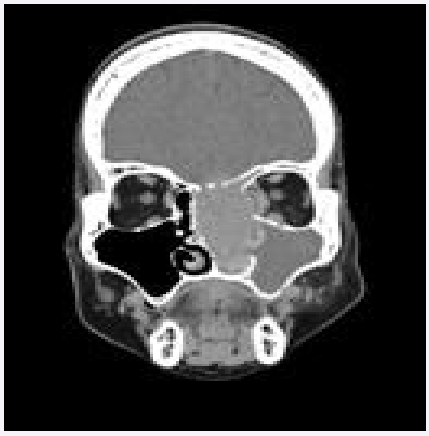
Inverted papilloma (Schneiderian papilloma) by nasal endoscopy



Inverted papilloma (Schneiderian papilloma) by CT

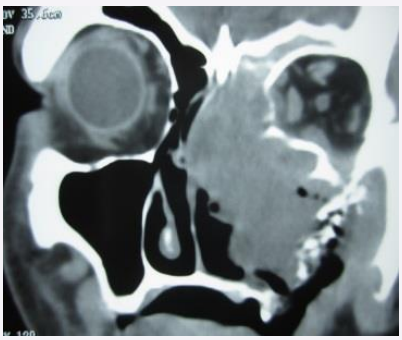


Sino-nasal Malignant tumor by rhinoscopy

Notice the fleshy mass usually in old age male

Sino-nasal Malignant tumor by nasal endoscopy and CT

Notice the invasion on the CT

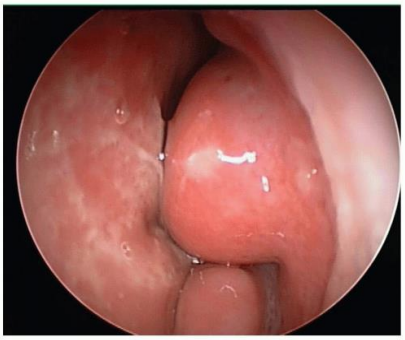


Inflammatory conditions of the Nose

Furuncle = Boil

Nasal Vestibulitis

Hypertrophic rhinitis by endoscopy



Hypertrophic by CT

Atrophic rhinitis by nasal endoscopy

Notice the nasal cavity crusts

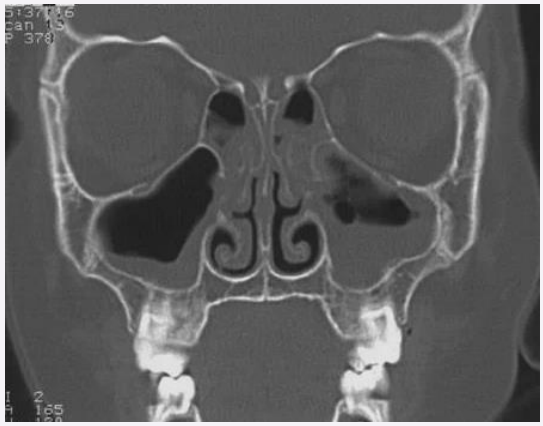
Rhinoscleroma

Sinusitis

Chronic sinusitis by endoscopy

Notice the middle meatus discharge

Chronic sinusitis by CT



Complications of Sinusitis

Orbital Edema (Preseptal Cellulitis)

Orbital Cellulitis

Sub-periosteal Abscess by CT

Orbital Abscess

Cavernous Sinus Thrombosis

Frontal bone Osteomyelitis (Pott's Puffy tumor)

Fronto- ethmoidal Secondary Mucocele

Secondary Mucocele by CT

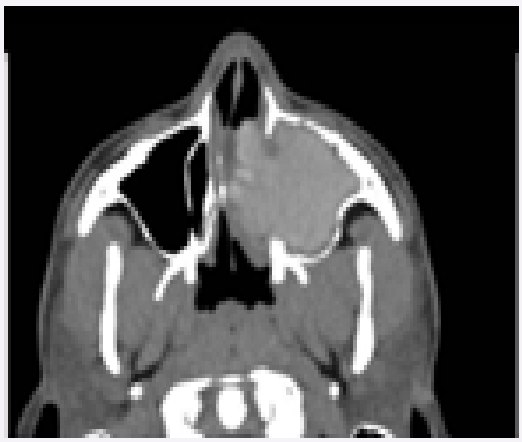
Fungal sinusitis

Acute Invasive Fungal Sinusitis by examination and nasal endoscopy

Allergic Fungal Sinusitis by CT

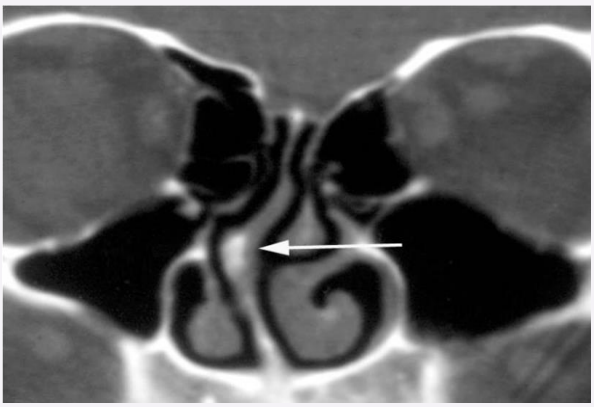
Notice the mottling opacity and sinus expansion

Fungal Ball (Mycetoma) by CT

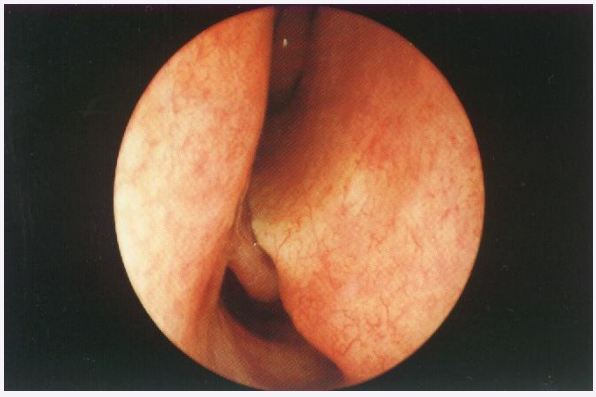


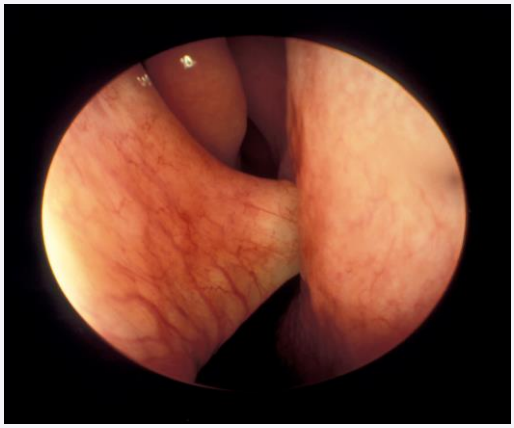
Diseases of the nasal septum

C shaped septal deviation by CT



Septal spur by endoscopy





Anterior septal dislocation

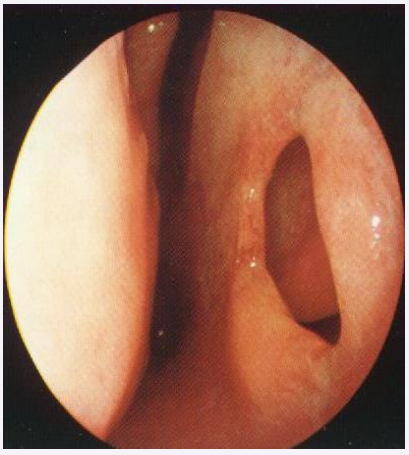
Septal hematoma

Notice the bilateral reddish swelling

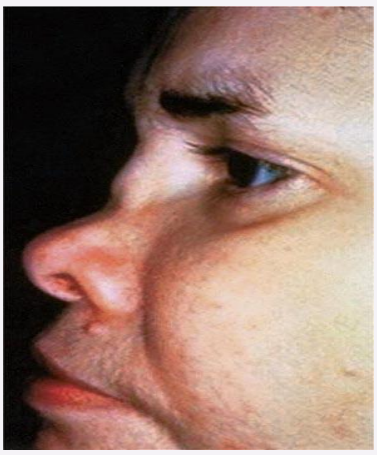
Septal abscess

Secondary infected hematoma

Septal perforation by nasal endoscopy



Saddle nose (a complication of Septal perforation)



Congested little's area

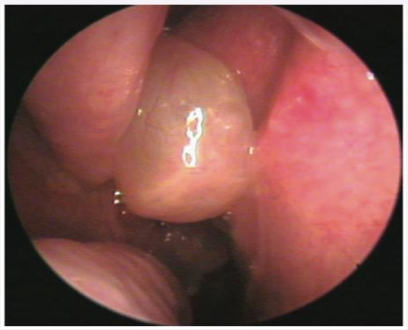
The source of idiopathic epistaxis

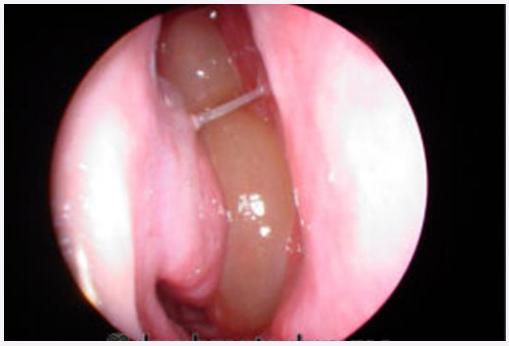
Nasal polyps

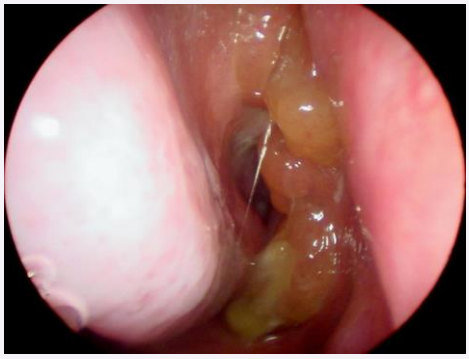
Nasal polyps by rhinoscopy

Nasal polyps by endoscopy

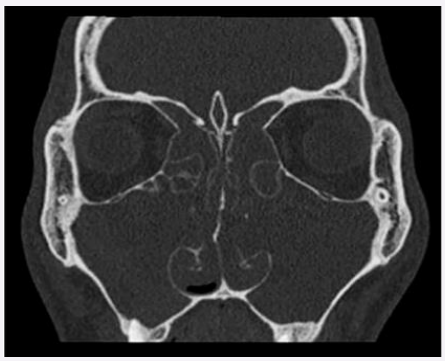
Notice the pale glistening lesion







Bilateral allergic nasal polyps by CT



Antrochoanal polyp by CT

Notice the unilateral lesion in the maxillary sinus and adjacent nasal cavity, with widening in the sinus ostium